

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

10/507028

(43) International Publication Date
25 September 2003 (25.09.2003)

PCT

(10) International Publication Number
WO 03/078451 A2(51) International Patent Classification⁷: C07K

(21) International Application Number: PCT/US03/07617

(22) International Filing Date: 13 March 2003 (13.03.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/363,551 13 March 2002 (13.03.2002) US
60/369,330 3 April 2002 (03.04.2002) US(71) Applicant (*for all designated States except US*): NEW
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22314 (US).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD,
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US,
UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *without international search report and to be republished
upon receipt of that report**For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*(54) Title: METHOD OF ISOLATING BINDING PEPTIDES FROM A COMBINATORIAL PHAGE DISPLAY LIBRARY AND
PEPTIDES PRODUCED THEREBY

(57) Abstract: A method is provided for identifying and isolating peptides capable of binding of inorganic materials such as silica, cobalt, iron, or oxides thereof using a combinatorial phage display peptide library. In the method of the invention, a combinatorial phage display library is used to isolate and select the desired binding peptides by a series of steps of target binding of phage with the inorganic material of interest, elution and purification of the bound phages, and amplification to determine the sequences of phages producing the desired binding peptides. The binding peptides of the invention are particularly advantageous in that they may be used as templates to guide the development of useful structures on a nanometric scale.

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